

RAW SEQUENCE LISTING

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Application Serial Number: 10/552,182
Source: PCT/0
Date Processed by STIC: 10/18/05

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/552,182

DATE: 10/18/2005

TIME: 10:15:01

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\10182005\J552182.raw

3 <110> APPLICANT: The Government of the United States of America as
 4 represented by the Secretary of the Department of Health and
 5 Human Services, Centers for Disease Control and Prevention
 6 Kalish, Marcia L
 7 Ndongmo, Clement B
 8 Pau, Chou-Pong
 9 Switzer, William M.
 10 Folks, Thomas M.

12 <120> TITLE OF INVENTION: Multiple Antigenic Peptide Assay for Detection of HIV or SIV

Type

13 Retroviruses
 15 <130> FILE REFERENCE: 6395-67856-06
 C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/552,182
 C--> 17 <141> CURRENT FILING DATE: 2005-10-05
 17 <150> PRIOR APPLICATION NUMBER: US 60/462,071
 18 <151> PRIOR FILING DATE: 2003-04-11
 20 <150> PRIOR APPLICATION NUMBER: PCT/US2004/011022
 21 <151> PRIOR FILING DATE: 2004-04-08
 23 <160> NUMBER OF SEQ ID NOS: 30
 25 <170> SOFTWARE: PatentIn version 3.2

27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 11
 29 <212> TYPE: PRT

30 <213> ORGANISM: Artificial Sequence
 32 <220> FEATURE:

33 <223> OTHER INFORMATION: SIVcpzGab virus

35 <400> SEQUENCE: 1

37 Trp Gly Cys Ser Gly Lys Ala Val Cys Tyr Thr

38 1 5 10

41 <210> SEQ ID NO: 2

42 <211> LENGTH: 11

43 <212> TYPE: PRT

44 <213> ORGANISM: Artificial Sequence

46 <220> FEATURE:

47 <223> OTHER INFORMATION: SIVcpzCam virus

49 <400> SEQUENCE: 2

51 Trp Gly Cys Ser Gly Lys Ala Ile Cys Tyr Thr

52 1 5 10

55 <210> SEQ ID NO: 3

56 <211> LENGTH: 11

57 <212> TYPE: PRT

58 <213> ORGANISM: Artificial Sequence

60 <220> FEATURE:

61 <223> OTHER INFORMATION: SIVcpzAnt virus

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63 <400> SEQUENCE: 3
65 Trp Gly Cys Ala Asp Lys Val Ile Cys His Thr
66 1 5 10
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71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: SIVsm virus
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79 Trp Gly Cys Ala Phe Arg Gln Val Cys His Thr
80 1 5 10
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 11
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: SIVagm-1 virus
91 <400> SEQUENCE: 5
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94 1 5 10
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 11
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: SIVagm-2 virus
105 <400> SEQUENCE: 6
107 Trp Gly Cys Ala Phe Lys Gln Val Cys His Thr
108 1 5 10
111 <210> SEQ ID NO: 7
112 <211> LENGTH: 11
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: SIVsun/lhoest virus
119 <400> SEQUENCE: 7
121 Trp Gly Cys Gln Trp Lys Gln Val Cys His Thr
122 1 5 10
125 <210> SEQ ID NO: 8
126 <211> LENGTH: 11
127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: SIVcol virus
133 <400> SEQUENCE: 8
135 Ile Gly Cys Ala Asn Met Gln Ile Cys Arg Thr
136 1 5 10
139 <210> SEQ ID NO: 9

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140 <211> LENGTH: 11
141 <212> TYPE: PRT
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144 <220> FEATURE:
145 <223> OTHER INFORMATION: SIVrcm virus
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153 <210> SEQ ID NO: 10
154 <211> LENGTH: 11
155 <212> TYPE: PRT
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: SIVmnd14 virus
161 <400> SEQUENCE: 10
163 Trp Gly Cys Ser Phe Ser Gln Val Cys His Thr
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167 <210> SEQ ID NO: 11
168 <211> LENGTH: 11
169 <212> TYPE: PRT
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: SIVmndGB1 virus
175 <400> SEQUENCE: 11
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178 1 5 10
181 <210> SEQ ID NO: 12
182 <211> LENGTH: 11
183 <212> TYPE: PRT
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: SIVsyk virus
189 <400> SEQUENCE: 12
191 Trp Gly Cys Ala Phe Lys Gln Ile Cys His Thr
192 1 5 10
195 <210> SEQ ID NO: 13
196 <211> LENGTH: 11
197 <212> TYPE: PRT
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: SIVdeb virus
203 <400> SEQUENCE: 13
205 Trp Gly Cys Ala Phe Lys Gln Ile Cys His Thr
206 1 5 10
209 <210> SEQ ID NO: 14
210 <211> LENGTH: 15
211 <212> TYPE: PRT
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:

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215 <223> OTHER INFORMATION: SIVcpzGab virus
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219 Arg Gly Glu Val Gln Ile Gly Pro Gly Met Thr Phe Tyr Asn Ile
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224 <211> LENGTH: 15
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: SIVsm virus
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237 <210> SEQ ID NO: 16
238 <211> LENGTH: 15
239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: SIVagm virus
245 <400> SEQUENCE: 16
247 Val Leu Pro Val Thr Ile Met Ala Gly Leu Val Phe His Ser Gln
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252 <211> LENGTH: 15
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254 <213> ORGANISM: Artificial Sequence
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257 <223> OTHER INFORMATION: SIVsyk virus
259 <400> SEQUENCE: 17
261 Ile Lys Asn Ile Gln Leu Ala Ala Gly Tyr Phe Leu Pro Val Ile
262 1 5 10 15
265 <210> SEQ ID NO: 18
266 <211> LENGTH: 15
267 <212> TYPE: PRT
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: SIV1hoest virus
273 <400> SEQUENCE: 18
275 Glu Val Ser Thr Ile Ser Ser Thr Gly Leu Leu Phe Tyr Tyr Gly
276 1 5 10 15
279 <210> SEQ ID NO: 19
280 <211> LENGTH: 15
281 <212> TYPE: PRT
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: SIVc01 virus
287 <400> SEQUENCE: 19
289 His Arg Asn Leu Asn Thr Ala Asn Gly Ala Lys Phe Tyr Tyr Glu
290 1 5 10 15

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294 <211> LENGTH: 15
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: SIVrcm virus
301 <400> SEQUENCE: 20
303 Val Lys Gly Ile Ser Leu Ala Thr Gly Val Phe Ile Ser Leu Arg
304 1 5 10 15
307 <210> SEQ ID NO: 21
308 <211> LENGTH: 15
309 <212> TYPE: PRT
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: SIVmnd14 virus
315 <400> SEQUENCE: 21
317 Ile Val Ser Val Pro Ser Ala Ser Gly Leu Ile Phe Tyr His Gly
318 1 5 10 15
321 <210> SEQ ID NO: 22
322 <211> LENGTH: 15
323 <212> TYPE: PRT
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: SIVdeb virus
329 <400> SEQUENCE: 22
331 Tyr Arg Ala Val His Met Ala Thr Gly Leu Ser Phe Tyr Thr Thr
332 1 5 10 15
335 <210> SEQ ID NO: 23
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337 <212> TYPE: PRT
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: SIVcpzGab virus
343 <400> SEQUENCE: 23
345 Asn Asn Thr Arg Gly Glu Val Gln Ile Gly Pro Gly Met Thr Phe Tyr
346 1 5 10 15
349 Asn Ile Glu Asn Val Val Gly Asp Thr Arg Ser Ala
350 20 25
353 <210> SEQ ID NO: 24
354 <211> LENGTH: 28
355 <212> TYPE: PRT
356 <213> ORGANISM: Artificial Sequence
358 <220> FEATURE:
359 <223> OTHER INFORMATION: SIVmnd virus
361 <400> SEQUENCE: 24
363 Asn Arg Ser Val Val Ser Thr Pro Ser Ala Thr Gly Leu Leu Phe Tyr
364 1 5 10 15
367 His Gly Leu Glu Pro Gly Lys Asn Leu Lys Lys Gly
368 20 25

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/552,182

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Input Set : A:\Sequence Listing.txt

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L:17 M:270 C: Current Application Number differs, Replaced Current Application No

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date